

DYNAMICALLY DETERMINING A COMMUNITY OF ENTITIES IN A COMMUNICATION SYSTEM

ABSTRACT OF THE DISCLOSURE

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A method for dynamically determining a community of entities in a communications system having a plurality of entities is described. The method includes the steps of: determining (210) the location of at least a portion of the plurality of entities within a first coverage area; computing (220) an entity density
10 function for a plurality of density calculation zones within the first coverage area as a function of the determined location of the entities; detecting (230) that a predetermined proximity density threshold has been exceeded in at least one of the density calculation zones; generating a list (240) of entities that are in proximity to the density calculation zone within which the proximity density
15 threshold was exceeded; and determining (230) whether at least one community can be defined that includes at least two entities from the list.